



DEFENSE ENERGY SUPPORT CENTER BIODIESEL UPDATE

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DESC BIODIESEL UPDATE



- Specifications (Pam Serino)
- Biodiesel Update (George Atwood)
- Questions



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- Army Commercial Item Description (CID) is still in negotiation over specification requirements
- DESC produced specification for initial solicitation using OEM requirements (Detroit, Cummins, Caterpillar, Stanadyne, John Deere, International, etc)
- Presently only virgin soybean feedstock is acceptable



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- In order to expand the feedstock to include animal fats and recycled oils:
 - Collection of scientific data to support its use in extreme weather conditions
 - Review of long term storage stability data
 - Data on particulate testing contamination



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- DESC is reviewing data from UMR on long term use in transformers
- DOE is funding a project with the Navy to look at recycled vegetable oil use in Hawaii
- The Navy is testing small marine vessels using biodiesel



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SUMMARY

- This is only the first step for the purchase of biodiesel
- Specifications can be modified as scientific data is generated to support these changes



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- Solicitation Background: Requirements were submitted by Department of Defense and Federal Civilian Agencies during March and April of 2001.
- Solicitation was issued April 18, 2001 with an original closing date of May 18, 2001.
- Solicitation was amended to extend the closing date to June 5, 2001. Closing date extended to allow time for firms to submit offers on additional B-20 requirements.



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- Requirements Support: Air Force, Marines, Department of Interior (National Park Service), Department of Agriculture (Beltsville Agricultural Research Center), NASA and United States Postal Service.
- Total estimated annual quantity solicited is 1,961,150 gallons of B-20.



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- Contract for B-20 Awarded to World Energy on 19 October 2001.
- Estimated Dollar Value \$1,539,750
- Estimated Annual Quantity: 1,526,475 gallons



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- World Energy contract supports 17 ground fuel locations throughout the United States.
- DoD and Federal Civilian Agencies supported: Marines, Air Force, Postal Service, Department of Agriculture, Department of Interior and NASA.



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- Pending Biodiesel Requirements: DESC will purchase on an as needed basis for Department of Defense requirements. Federal Civilian Agencies (FEDCIV) have local purchase authority up to \$100,000 annually per requirement.



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